

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

### **Listing of Claims:**

#### CLAIMS

1. (Currently Amended) A polish pad comprising:  
a base layer; and  
an ion exchange layer contiguously disposed in the base layer; ~~and~~  
~~a base support layer~~, wherein at least one of the base layer and ~~the base support~~ the ion exchange layer is patterned.
2. (Original) The polish pad of claim 1, wherein the ion exchange layer comprises ion exchange resin beads.
3. (Currently Amended) The polish pad of claim 1, wherein the ion exchange layer ~~comprise~~ comprises ground ion exchange resin beads.
4. (Previously Presented) The polish pad of claim 2, wherein the ion exchange beads are embedded in the ion exchange layer.
5. (Previously Presented) The polish pad of claim 3, wherein the ground ion exchange beads are embedded in the ion exchange layer.
- 6.-9. (Canceled)
10. (Original) The polish pad of claim 1, wherein the ion exchange layer binds cations.
11. (Original) The polish pad of claim 10, wherein the ion exchange layer binds copper cations.
12. (Currently Amended) An ion exchange polish pad, comprising: ~~comprising~~  
a base layer; and

a contiguous resin layer coupled to the base layer and having ion exchange material embedded therein, wherein at least one of the base layer and the resin layer is patterned.

13. (Original) The ion exchange polish pad of claim 12, wherein the ion exchange material is ion exchange resin beads.
14. (Original) The ion exchange polish pad of claim 12, wherein the ion exchange material is ion exchange resin powder.
- 15-32 (Canceled)